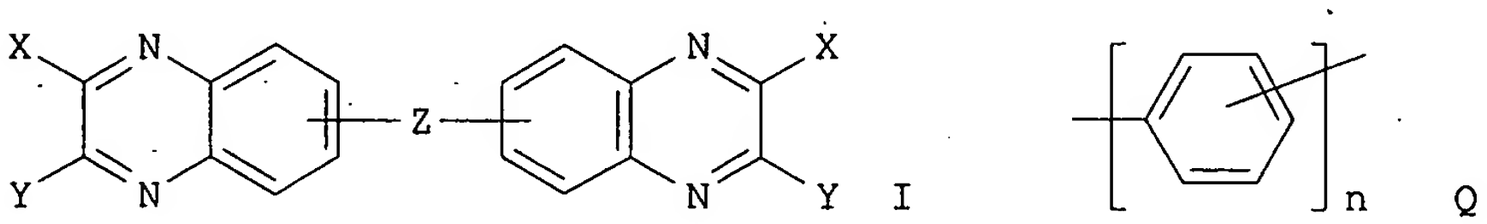
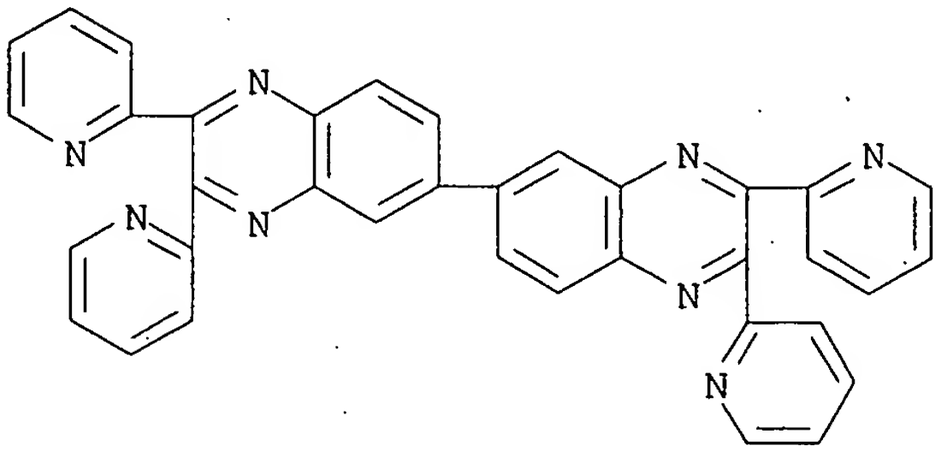
AN 1995:475962 HCAPLUS
DN 122:277722
TI Organic electroluminescent device having metal-quinoxaline mixed cathode
IN Nakamura, Hiroaki; Hironaka, Yoshio; Kusumoto, Tadashi
PA Idemitsu Kosan Co, Japan
SO Jpn. Kokai Tokkyo Koho, 24 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07026255	A2	19950127	JP 1993-173402	19930713 <--
PRAI	JP 1993-173402		19930713 <--		

OS MARPAT 122:277722
GI



AB The device has a mixed cathode containing an electron-injecting metal and a quinoxaline derivative I [Z = none, O, SO2, S, CH:CH, CO, CMe2, C(CF3)2, naphthalene-1,4-diyl, naphthalene-3,7-diyl, (CH2)n, Q, (OC6H4)nO; X, Y = H, C1-6 alkyl, C6-18 aryl, C3-12 heterocyclic group; aryl or heterocyclic group may be substituted with NO2, NH2, cyano, OH, CO2H, methylthio, ethylthio, halo, C1-6 alkoxy, C1-6 alkoxycarbonyl, C1-8 dialkylamino, C2-12 dialkyleneoxy, or C1-6 alkylene(di)oxy; n = 1-3]. The device showed high luminescent efficiency and stability.
IT 81294-31-7P
RL: DEV (Device component use); PNU (Preparation, unclassified); PREP (Preparation); USES (Uses)
(electroluminescent device having metal-quinoxaline mixed cathode with high luminescent efficiency)
RN 81294-31-7 HCAPLUS
CN 6,6'-Biquinoxaline, 2,2',3,3'-tetra-2-pyridinyl- (9CI) (CA INDEX NAME)



L71 ANSWER 7 OF 10 HCAPLUS COPYRIGHT 2006 ACS on STN
AN 1995:408404 HCAPLUS
DN 122:251631
TI Organic electroluminescence device
IN Hironaka, Yoshio; Shoji, Hiroshi; Hosokawa, Chicho